JOURNAL OF SEDIMENTARY PETROLOGY

INDEX

VOLUME 61
JANUARY 1991–DECEMBER 1991

EDITOR
HARVEY BLATT

MANAGING EDITOR
CAROLYN C. AHERN

SECRETARY
BETH E. COLLINS

PUBLISHED BY

SEPM

(Society for Sedimentary Geology)

P.O. Box 4756

Tulsa, Oklahoma 74159-0756

AUTHOR INDEX TO VOLUME 61

ALEXANDER, CLARK R. Macrotidal Mudflats of the Southwestern Korean Coast: A Model for Interpretation of Intertidal Deposits 5 805
ALLEN, J.R.L. The Bouma Division A and the Possible Duration of Turbidity Currents 2 291
ANADÓN, P. See INGLES, M. 6 926
ASTIN, T.R. "Subaqueous Shrinkage Cracks" in the Devonian of Scotland Reinterpreted 5 850
ATKINSON, C.D. See LANDER, R.H. 2 256
AWADALLAH, SHERIF A. A Simple Technique for Vacuum Impregnation of Unconsolidated, Fine-Grained Sediments 4 632

BALSAM, WILLIAM L. See DEATON, BOBBY C. 4 628
BARCELOS, JOSE H. See MACK, GREG H. 4 458
BASU, ABHIJIT See MOLINAROLI, EMANUELA ... 6 900
BEIN, A. Fluid Inclusions in Bedded Permian Halite, Palo Duro Basin, Texas: Evidence for Modification of Seawater in Evaporite Brine-Pools and Subsequent Early Diagenesis 1 1
BILLI, P. Pleistocene Lacustrine Fan Delta Deposits of the Valdarno Basin, Italy 2 280
BLOCK, S. See LANDER, R.H. 2 256
BLOM, MARIANNE See MOLINAROLI, EMANUELA 6 900
BOARDMAN, MARK R. Origin and Accumulation of Lime Mud in Ooid Tidal Channels, Bahamas 5 661
BOLLINGER, G.A. See READ, J.F. 4 647
BOTHNER, MICHAEL H. See KNEBEL, HARLEY J... 5 791
BOTTIER, DAVID J. See FISCHER, ALFRED G. 7 1063
BOYD, AUSTIN Fossil Leaves and Fruits as Indicators of Paleotransport in a Miocene Lake from Northern Idaho 2 269
BRACHERT, THOMAS C. Laminar Micrite Crusts and Associated Foreslope Processes, Red Sea 3 354
BRIERLEY, GARY J. Bar Sedimentology of the Squamish River, British Columbia: Definition and Application of Morphostratigraphic Units 2 211
BRINT, J.F. Oxygen Isotopic Analysis of Diagenetic Quartz Overgrowths from the Brent Sands: A Comparison of Two Preparation Methods 4 527
BROWN, S. See BRINT, J.F. 4 527
BUCZYNSKI, CHRIS Habit of Bacterially Induced Precipitates of Calcium Carbonate and the Influence of Medium Viscosity on Mineralogy 2 226
BUDD, DAVID A. Predicting the Thickness of Freshwater Lenses in Carbonate Paleo-Islands 1 43
BURTON, ELIZABETH A. See MACHEL, HANS-G... 3 394

CARNEY, CINDY See BOARDMAN, MARK R. 5 661
CHAFETZ, HENRY S. Differences in the $\delta^{18}O$ and $\delta^{13}C$ Signatures of Seasonal Laminae Comprising Travertine Stromatolites 6 1015
CHAFETZ, HENRY S. See BUCZYNSKI, CHRIS 2 226
CHAFETZ, HENRY S. See RUSH, PATRICK F. 3 364
CHEEL, R.J. Grain Fabric in Hummocky Cross-Stratified Storm Beds: Genetic Implications 1 102
CHIOCCI, FRANCESCO L. Small-Scale Seismic Stratigraphy and Paleogeographical Evolution of the Continental Shelf Facing the SE Elba Island (Northern Tyrrhenian Sea), Italy 4 506
CHURCH, MICHAEL See WOLCOTT, JOHN 4 534
CLAYES, PHILIPPE F. Diagenetic Origin of Carbonate, Sulfide and Oxide Inclusions in Biotites of the Great Valley Group (Cretaceous), Sacramento Valley, California 5 719
CLEMMENSEN, LARS B. Eolian Sequence and Erg Dynamics, the Permian Corrie Sandstone, Scotland 5 768
CODY, R.D. Organo-Crystalline Interactions in Evaporite Systems: The Effects of Crystallization Inhibition 5 704
COLE, DAVID R. See MACK, GREG H. 4 458
COLLINS, MICHAEL See SHU, GAO 1 143
COMMEAU, J.A. See POPPE, L.J. 1 54
COOPER, JOHN D. See FEDO, CHRISTOPHER M... 6 1032
CORUH, C. See READ, J.F. 4 647

DAY, S.J. Concentration of Magnetite and Gold at Bar and Reach Scales in a Gravel-Bed Stream, British Columbia, Canada 6 871
DEATON, BOBBY C. Visible spectroscopy—A Rapid Method for Determining Hematite and Goethite Concentration in Geological Materials 4 628
DEMASTER, DAVID J. See ALEXANDER, CLARK R. 5 805
DEYNOUX, MAX See GIRARD, JEAN-PIERRE 3 406
DIGGS, T.N. See McBRIDE, E.F. 1 73
DRAVIS, JEFFREY J. Carbonate Petrography—Update on New Techniques and Applications 4 626
DROXLER, ANDRE W. See GLASER, KAREN S. 1 128
DÜGGELIN, M. See JORDAN, P.G. 4 616
DULLO, WOLF-CHRISTIAN See BRACHERT, THOMAS C. 3 354
DUNN, PAUL A. See HARDIE, LAWRENCE A. 4 636

EBERLI, G.P. See GINSBURG, R.N. 6 976
EICHENLAUB, C.M., Jr. See NICHOLS, J.A. 4 634
ELRICK, MAYA Cyclic Ramp-to-Basin Carbonate Deposits, Lower Mississippian, Wyoming and Montana: Combined Field and Computer Modeling Study 7 1194
ERLINGSSON, ULF A Sensor for Measuring Erosion and Deposition 4 620
ESTERLE, J.S. A Reflected-Light Petrographic Technique for Peats 4 614
EVANS, JAMES E. Facies Relationships, Alluvial Architecture, and Paleohydrology of a Paleogene, Humid-Tropical Alluvial-Fan System: Chumstick Formation, Washington State, U.S.A. 5 732
EYLES, CAROLYN H. See WALKER, ROGER G. 4 473

FALLICK, A.E. See BRINT, J.F. 4 527
FEDO, CHRISTOPHER M. Braided Fluvial to Marine Transition: The Basal Lower Cambrian Wood Canyon Formation, Southern Marble Mountains, Mojave Desert, California—Reply 6 1032
FIELD, MICHAEL E. See TRINCARDI, FABIO 5 775
FISCHER, ALFRED G. Albian Pelagic Rhythms (Piobbico Core) 7 1164
FISCHER, ALFRED G. Cyclicity in the Green River Formation (Lacustrine Eocene) of Wyoming 7 1146
FISCHER, ALFRED G. Orbital Forcing and Sedimentary Sequences–Introduction 7 1063
FISCHER, ALFRED G. See RIPEPE, MAURIZIO 7 1155
FISHER R.S. See BEIN, A. 1 1
FITZMAURICE, SEAN P. See CHAFETZ, HENRY S. 6 1015

JOURNAL OF SEDIMENTARY PETROLOGY, VOL. 61, NO. 7, DEC., 1991, P. 1256–1259

Copyright © 1991, SEPM (Society for Sedimentary Geology) 0022-4472/91/0061-1256/$03.00

FLETCHER, W.K. See DAY, S.J. 6 871
FOOS, ANNABELLE M. Aluminous Lateric Soils, Eleuthera Bahamas: A Modern Analog to Carbonate Paleosols 3 340
FORCE, ERIC R. See PRATT, LISA M. 3 370
FOSTER, JOHN R. Braided Fluvial to Marine Transition: The Basal Lower Cambrian Wood Canyon Formation, Southern Marble Mountains, Mojave Desert, California—Discussion 6 1029
FRIEDMAN, GERALD M. Methane-Generated Lithified Dolostone of Holocene Age: Eastern Mediterranean .. 2 188
FRIHY, OMRAN E. Patterns of Beach-Sand Sorting and Shoreline Erosion on the Nile Delta 4 544

GALVIN, CYRIL High-Energy Carbonate-Sand Accumulation, the Quicksands, Southwest Florida Keys—Discussion 5 860
GAO, GUOQIU Early Ordovician Cool Creek Dolomite, Middle Arbuckle Group, Slick Hills, SW Oklahoma, U.S.A.: Origin and Modification 2 161
GAO, SHU A Critique of the "McLaren Method" for Defining Sediment Transport Paths—Discussion 1 143
GARTNER, STEVEN See ROOF, STEVEN R. 7 1070
GARZANTI, EDUARDO Non-Carbonate Intrabasinal Grains in Arenites: Their Recognition, Significance and Relationship to Eustatic Cycles and Tectonic Setting 6 959
GINSBURG, R.N. The Growth Potential of a Bypass Margin, Great Bahama Bank 6 976
GIORDANO, THOMAS H. See MACK, GREG H. 4 458
GIRARD, JEAN-PIERRE Oxygen Isotope Study of Diagenetic Quartz Overgrowths from the Upper Proterozoic Quartzites of Western Mali, Taoudeni Basin: Implications on Conditions of Quartz Cementation 3 406
GIRTY, GARY H. A Note on the Composition of Plutoniclastic Sand Produced in Different Climatic Belts 3 428
GLASER, KAREN S. High Production and Highstand Shedding from Deeply Submerged Carbonate Banks, Northern Nicaragua Rise 1 128
GOLDHAMMER, ROBERT K. See HARDIE, LAWRENCE A. 4 636
GOLDHAMMER, ROBERT K. See HINNOV, LINDA A. 7 1173
GREGG, JAY M. A Technique for Successive Cathodoluminescence and Reflected Light Petrography 4 613
GUGGENHEIM, R. See JORDAN, P.G. 4 616

HALIM-DIHARDJA, MARJAMMANDA K. See MOUNTJOY, ERIC W. 4 590
HAMILTON, P.J. See BRINT, J.F. 4 527
HARDIE, LAWRENCE A. Field and Modeling Studies of Cambrian Carbonate Cycles, Virginia Appalachians—Discussion 4 636
HARRIS, P.M. See GINSBURG, R.N. 6 976
HASZELDINE, R.S. See BRINT, J.F. 4 527
HEIN, JAMES R. See POLGÁRI, MÁRTA 3 384
HERBERT, TIMOTHY D. Long Climatic Time Series from Sediment Physical Property Measurements 7 1089
HERBERT, TIMOTHY D. See FISCHER, ALFRED G. 7 1164
HIGLEY, DEBRA K. See SCHMOKER, JAMES W. 6 909
HILL, RONALD J. See SLAUGHTER, M. 2 296
HINNOV, LINDA A. Spectral Analysis of the Middle Triassic Latemar Limestone 7 1173
HOLMES, CHARLES W. See SHINN, EUGENE A. ... 5 861
HOVORKA, S.D. See BEIN, A. 1 1
HOWER, J.C. See ESTERLE, J.S. 4 614
HUANG, T.C. See ROOF, STEVEN R. 7 1070
HUBERT, JOHN F. See TANNER, L.H. 1 15
HURST, A. See NADEAU, P.H. 6 921

ILLENBERGER, WERNER K. Pebble Shape (and Size!) 5 756
INGLÈS, M. Relationship of Clay Minerals to Depositional Environment in the Non-marine Eocene Pontils Group, SE Ebro Basin (Spain) 6 926

JAMES, NOEL P. See PELECHATY, SHANE M. 6 988
JOECKEL, R.M. Paleosol Stratigraphy of the Eskirdge Formation; Early Permian Pedogenesis and Climate in Southeastern Nebraska 2 234
JOHNSON, GERALD H. See NICHOLS, MAYNARD M. 6 883
JORDAN, P.G. Gypsum-Anhydrite Differentiation by SEM Using the Back-Scattered Electron-Signal 4 616
JOYCE, ED See ROOF, STEVEN R. 7 1070

KARAKUS, MUSA See GREGG, JAY M. 4 613
KIMBALL, K.M. See STEIN, C.L. 2 174
KNEBEL, HARLEY J. Modern Sedimentary Environments in Boston Harbor, Massachusetts 5 791
KOMAR, PAUL D. See FRIHY, OMRAN E. 4 544
KOERSCHNER, W.F., III See READ, J.F. 4 647
KRUMHANSL, J.L. See STEIN, C.L. 2 174
KRYSTINIK, LEE F. See LECKIE, DALE 1 154
KUPECZ, JULIE A. Late-Stage Dolomitization of the Lower Ordovician Ellenburger Group, West Texas ... 4 551

LAND, LYNTON S. See GAO, GUOQIU 2 161
LAND, LYNTON S. See KUPECZ, JULIE A. 4 551
LANDER, R.H. Burial Diagenesis of Paleosols in the Giant Yacheng Gas Field, People's Republic of China: Bearing on Illite Reaction Pathways 2 256
LECKIE, DALE A. Is There Evidence for Geostrophic Currents Preserved in the Sedimentary Record of Inner to Middle Shelf Deposits?—Reply 1 154
LECKIE, DALE A. Estuarine Deposits of the Albian Paddy Member (Peace River Formation) and Lowermost Shaftesbury Formation, Alberta, Canada 5 825
LIDZ, BARBARA A. See SHINN, EUGENE A. 5 861
LOVELL, C.J. Wake-Capture Effects Observed in a Comparison of Methods to Measure Particle Settling Velocity Beyond Stokes' Range 4 575
LOVELL, C.J. The Effects of Sediment Concentration and Tube-Diameter on Particle Settling Velocity Beyond Stokes' Range: Experiment and Theory 4 583

MACHEL, HANS-G. Burial-Diagenetic Sabkha-Like Gypsum and Anhydrite Nodules 3 394
MACK, GREG H. Paleoclimatic Controls on Stable Oxygen and Carbon Isotopes in Caliche of the Abo Formation (Permian), South-Central New Mexico, U.S.A. 4 458
MAGI, M. See BILLI, P. 2 280
MALICSE, ARIEL See MAZZULLO, JIM 6 940
MARKWORT, STEFAN See WOPFNER, HELMUT .. 1 65
MATHYS, D. See JORDAN, P.G. 4 616
MAYER, LARRY A. See HERBERT, TIMOTHY D. .. 7 1089
MAZZULLO, JIM Facies and Depositional Environments of the Shattuck Sandstone on the Northwest Shelf of the Permian Basin 6 940
McBRIDE, E.F. Compaction of Wilcox and Carrizo Sandstones (Paleocene-Eocene) to 4420 M, Texas Gulf Coast 1 73
McLAREN, PATRICK A Critique of the "McLaren

Method" for Defining Sediment Transport Paths—Reply ... 1 147
METHA, S. See LANDER, R.H. ... 2 256
MIALL, ANDREW D. Stratigraphic Sequences and Their Chronostratigraphic Correlation ... 4 497
MILNES, ANTHONY R. See THIRY, MÉDARD ... 1 111
MOLINAROLI, EMANUELA Methods of Provenance Determination Tested with Discriminant Function Analysis ... 6 900
MONTANARI, ALLESANDRO Authigenesis of Impact Spheroids in the K/T Boundary Clay from Italy: New Constraints for High-Resolution Stratigraphy of Terminal Cretaceous Events ... 3 315
MOORE, T.A. See ESTERLE, J.S. ... 4 614
MOUNT, JEFFREY F. See CLAYES, PHILIPPE F. ... 5 719
MOUNTJOY, ERIC W. Multiple Phase Fracture and Fault-Controlled Burial Dolomitization, Upper Devonian Wabamun Group, Alberta ... 4 590
MULLINS, HENRY T. See ROOF, STEVEN R. ... 7 1070
MYROW, PAUL M. Combined-flow Model for Vertical Stratification Sequences in Shallow Marine Storm-deposited Beds ... 2 202

NADEAU, P.H. Application of Back-Scattered Electron Microscopy to the Quantification of Clay Mineral Microporosity in Sandstones ... 6 921
NAPOLEONE, GIOVANNI See FISCHER, ALFRED G. ... 7 1164
NENTWICH, F.W. Polished Thin Section Preparation of Fine-Grained Siliciclastic Rocks ... 4 624
NICHOLS, J.A. Simple, Diver-Operated Pneumatic Corer ... 4 634
NICHOLS, MAYNARD M. Modern Sediments and Facies Model for a Microtidal Coastal Plain Estuary, The James Estuary, Virginia ... 6 883
NITTROUER, CHARLES A. See ALEXANDER, CLARK R. ... 5 805

OKITA, PATRICK M. See POLGÁRI, MÁRTA ... 3 384
ORLANDO, LUCIANA See CHIOCCI, FRANCESCO L. ... 4 506
OSLEGER, D.A. See READ, J.F. ... 4 647
OSLEGER, DAVID Eustasy and Cycles Stacking of Late Cambrian Carbonates ... 7 1225

PARK, SOO-CHUL See ALEXANDER, CLARK R. ... 5 805
PARK, YONG-AHN See ALEXANDER, CLARK R. ... 5 805
PEEBLES, PAMELA C. See NICHOLS, MAYNARD M. ... 6 883
PELECHATY, SHANE M. Dolomitized Middle Proterozoic Calcretes, Bathurst Inlet, Northwest Territories, Canada ... 6 988
PHILLIPS, W. REVELL Halite Tomb Fillings and a Distinctive Halite-Cemented Sandstone in the Middle Eocene Gehannam Formation, Egypt ... 3 419
POLGÁRI, MÁRTA A Stable Isotope Evidence for the Origin of the Úkrút Manganese Ore Deposit, Hungary ... 3 384
POMEROL, BERNARD See PRATT, LISA M. ... 3 370
POPPE, L.J. Mineralogy of the Silt Fraction in Surficial Sediments from the Outer Continental Shelf off Southeastern New England ... 1 54
PRATT, LISA M. Coupled Manganese and Carbon-Isotopic Events in Marine Carbonates at the Cenomanian-Turonian Boundary ... 3 370
PREMOLI SILVA, ISABELLA See FISCHER, ALFRED G. ... 7 1164
PRUTZMAN, JOHN See ROOF, STEVEN R. ... 7 1070

QUINN, TERRENCE M. Meteoric Diagenesis of Plio-Pleistocene Limestones at Enewetak Atoll ... 5 681

RAFFI, I. See THUNELL, R. ... 7 1109
READ, J. FRED See ELRICK, MAYA ... 7 1194
READ, J. FRED See OSLEGER, DAVID ... 7 1225
READ, J.F. Field and Modeling Studies of Cambrian Carbonate Cycles, Virginia Appalachians—Reply ... 4 647
RENDINGS, RICHARD R. See KNEBEL, HARLEY J. 5 791
RIGBY, J. KEITH See PHILLIPS, W. REVELL ... 3 419
RIO, D. See THUNELL, R. ... 7 1109
RIPEPE, MAURIZIO See FISCHER, ALFRED G. ... 7 1164
RIPEPE, MAURIZIO Enso and Sunspot Cycles in Varved Eocene Oil Shales: An Image Analysis Study ... 7 1155
ROBERTS LILLIAN T. See FISCHER, ALFRED G. ... 7 1146
ROBERTS, LILLIAN T. See RIPEPE, MAURIZIO ... 7 1155
ROEDDER, EDWIN See BEIN, A. ... 1 1
ROGERS, D.A. See ASTIN, T.R. ... 5 850
ROOF, STEVEN R. Climatic Forcing of Cyclic Carbonate Sedimentation During the Last 5.4 Million Years Along the West Florida Continental Margin ... 7 1070
ROSE, C.W. See LOVELL, C.J. ... 4 575
ROSE, C.W. See LOVELL, C.J. ... 4 583
ROSS, DONALD J. Botryoidal High-Magnesium Calcite Marine Cements from the Upper Cretaceous of the Mediterranean Region ... 3 349
RUIZ, JOAQUIN See VAHRENKAMP, VOLKER C. 6 1002
RUSH, PATRICK F. Skeletal Mineralogy of Devonian Stromatoporoids ... 3 364

SADD, JAMES L. Tectonic Influences on Carbonate Deposition and Diagenesis, Buckhorn Asphalt, Deese Group (Desmoinesian), Arbuckle Mountains, Oklahoma ... 1 28
SAGRI, M. See BILLI, P. ... 2 280
SCHAAL, WILLIAM C. See MACK, GREG H. ... 4 458
SCHMOKER, JAMES W. Porosity Trends of the Lower Cretaceous J Sandstone, Denver Basin, Colorado ... 6 909
SEARL, ALISON Sawtooth Zoned Calcite Cements in Dinantian Grainstones from South Wales (U.K.) ... 2 195
SEMKIWA, PASCAL M. See WOPFNER, HELMUT ... 1 65
SHINN, EUGENE A. High-Energy Carbonate-Sand Accumulation, the Quicksands, Southwest Florida Keys—Reply ... 5 861
SIEGEL, JOEL See MAZZULLO, JIM ... 6 940
SINGH, CHAITANYA See LECKIE, DALE E. ... 5 825
SLAUGHTER, M. The Influence of Organic Matter in Organogenic Dolomitization—Perspective ... 2 296
SNEDDEN, JOHN W. Is There Evidence for Geostrophic Currents Preserved in the Sedimentary Record of Inner to Middle Shelf Deposits?—Discussion ... 1 148
SOUTHARD, JOHN B. See MYROW, PAUL M. ... 2 202
SPROVIERI, R. See THUNELL, R. ... 7 1109
STEIN, C.L. Silicate Diagenesis in the Salado Formation, Southeastern New Mexico ... 2 174
SUBASINGHE, DEEPAL A Transparent Conductive Gel Coating for Optical and Scanning Electron Microscopy ... 4 619
SWART, P.K. See GINSBURG, R.N. ... 6 976
SWART, PETER K. See VAHRENKAMP, VOLKER C. ... 6 1002
SWIFT, DONALD J.P. See SNEDDEN, JOHN W. ... 1 148

TADA, RYUJI Origin of Rhythmical Bedding in Middle Miocene Siliceous Rocks of the Onnagawa Formation, Northern Japan 7 1123
TANNER, LAWRENCE H. Basalt Breccias and Conglomerates in the Lower Jurassic McCoy Brook Formation, Fundy Basin, Nova Scotia: Differentiation of Talus and Debris-Flow Deposits 1 15
THIRY, MÉDARD Pedogenic and Groundwater Silcretes at Sturat Creek Opal Field, South Australia 1 111
THUNELL, R. Limestone-Marl Couplets: Origin of the Early Pliocene Trubi Marls and Calabria, Southern Italy 7 1109
TJAISMA, LEONARD See ROOF, STEVEN R. 7 1070
TORTORA, PAOLO See CHIOCCI, FRANCESCO L. 4 506
TRINCARDI, FABIO Geometry, Lateral Variation, and Preservation of Downlapping Regressive Shelf Deposits: Eastern Tyrrhenian Sea Margin, Italy 5 775

UTECH, NANCY M. See CHAFETZ, HENRY S. 6 1015

VACHER, H.L. See BUDD, DAVID A. 1 43
VAHRENKAMP, VOLKER C. Episodic Dolomitization of Late Cenozoic Carbonates in the Bahamas: Evidence from Strontium Isotopes 6 1002
VALENTINE, P.C. See POPPE, L.J. 1 54
VANSTONE, SIMON D. Early Carboniferous (Mississippian) Paleosols from Southwest Britain: Influence of Climatic Change on Soil Development 4 445

WALKER, ROGER G. Topography and Significance of a Basinwide Sequence-Bounding Erosion Surface in the Cretaceous Cardium Formation, Alberta, Canada 4 473
WILSON, J.C. See McBRIDE, E.F. 1 73
WINN, ROBERT D., JR. Storm Deposition in Marine Sand Sheets: Wall Creek Member, Frontier Formation, Powder River Basin, Wyoming 1 86
WOLCOTT, JOHN Strategies for Sampling Spatially Heterogeneous Phenomena: The Example of River Gravels 4 534
WOPFNER, HELMUT Early Diagenetic Laumontite in the Lower Triassic Manda Beds of the Ruhubu Basin, Southern Tanzania 1 65
YOLE, R.W. See NENTWICH, F.W. 4 624

SUBJECT INDEX FOR 1991

Albian, estuarine, valley-fill tidal deposits in western Canada 5 825
Alluvium sampling, gravel sampling, sampling 4 534
Anoxic events, manganese, Cenomanian-Turonian 3 370
Aqueous geochemistry, crystal growth, crystallization inhibition 5 704
Arbuckle Group, modification of dolomite, dolomite 2 161
Arenite petrography, sequence stratigraphy, non-carbonate intrabasinal grains 6 959
Artesia Group, Shattuck, fluvial system 6 940
Asphalt, carbonate diagenesis, tectonics 1 28
Authigenesis, K-feldspar, multiple impacts, K/T boundary 3 315

Bacteria, carbonate precipitates 2 226
Bacterial processes, Holocene, dolostone 2 188
Bahamas, strontium isotopes, late Cenozoic dolomites 6 1002
Bahamas bypass margin, Holocene carbonates 6 976
Bahamas sediment, lime mud, ooids, tidal channels 5 661
Bahamas soils, paleosols, carbonate, soils on carbonates 3 340
Bar sedimentology, gravel-bed river, morphostratigraphic units 2 211
Beach rocks, carbonate tidal bars, sand waves, Florida Keys 5 860
Bedform migration, sediment transport, suspended sediments 4 620
Biomineralization, stromatoporoids, skeletal mineralogy 3 364
Boston Harbor, sedimentary environments, modern 5 791
Botryoidal, marine cements 3 349
Bouma A turbidite division, criteria of origin, current duration 2 291
BSE analysis-sample preparation, sulfate analysis, gypsum-anhydrite replacement 4 616
Burial diagenesis, calcium sulfate, sabkha 3 394

Calcite morphology, cathodoluminescent zonation 2 195
Calcium sulfate, sabkha, burial diagenesis 3 394
Calcretes, paleosols, dolocretes 6 988
Caliche, Permian, isotopes 4 458
California, diagenesis, Great Valley Group 5 719
Cambrian, field studies & modeling, carbonate cycles 4 636
Cambrian, stacking patterns, carbonate cycles 7 1225
Carbon & oxygen isotopes, manganese ore, Úkrút deposit 3 384
Carbonate, soils on carbonates, Bahamas soils, paleosols 3 340
Carbonate cycles, Cambrian, field studies & modeling 4 636
Carbonate cycles, Cambrian, stacking patterns 7 1225
Carbonate cycles, sea-level change, computer modeling 7 1194
Carbonate platform cycles, Triassic Milankovitch cycles 7 1173
Carbonate diagenesis, tectonics, asphalt 1 28
Carbonate highstands, Caribbean, drowned platforms 1 128
Carbonate islands, meteoric diagenesis, Ghyben-Herzberg lens 1 43
Carbonate petrography, fluorescence microscopy 4 626
Carbonate precipitates, bacteria 2 226
Carbonate sand, Florida 5 860
Carbonate tidal bars, sand waves, Florida Keys, beach rocks 5 860
Carbonates, climate forcing, Gulf of Mexico, cyclic sedimentation 7 1070
Cardium Formation, erosion surface, sequence boundaries 4 473
Caribbean, drowned platforms, carbonate highstands 1 128
Cathodoluminescence, opaque minerals, sedimentary ore deposits 4 613
Cathodoluminescent zonation, calcite morphology 2 195
Cenomanian-Turonian, anoxic events, manganese 3 370
Clay alteration in evaporites, silicate diagenesis 2 174
Clay microporosity 6 921
Clay mineralogy, diagenesis, paleosols 2 256
Clay minerals, diagenesis, Red Sea, laminar micrite crust 3 354
Clay minerals, depositional environmental relationships, Eocene Ebro Basin 6 926
Climate forcing, Gulf of Mexico, cyclic sedimentation, carbonates 7 1070
Coal analog, peat, petrography 4 614
Combined flow, storm deposits, stratification sequences 2 202
Computer modeling, carbonate cycles, sea-level change 7 1194
Conductive gel, scanning electron & optical microscopy 4 619
Continental shelf, high resolution seismic stratigraphy, Tyrrhenian Sea 4 506
Continental shelf, mineralogy, silt fraction 1 54
Cretaceous interior seaway, storm-generated sheet sands, Frontier Fm., Wyoming 1 86
Criteria of origin, current duration, Bouma A turbidite division 2 291
Crystal growth, crystallization inhibition, aqueous geochemistry 5 704
Crystallization inhibition, aqueous geochemistry, crystal growth 5 704
Current duration, Bouma A turbidite division, criteria of origin 2 291
Cyclic sedimentation, carbonates, climate forcing, Gulf of Mexico 7 1070
Cyclicity, lacustrine, oil shale 7 1146
Cyclothems, paleosols, Permian climate 2 234

Debris-flow conglomerates, Fundy Basin, talus breccias 1 15
Denver basin, porosity, J sandstone 6 909
Depositional environmental relationships, Eocene Ebro Basin, clay minerals 6 926
Diagenesis, dolomite, organogenic dolomite 2 296
Diagenesis, Ellenberger, dolomite 4 551
Diagenesis, evaporites, fluid inclusions 1 1
Diagenesis, Great Valley Group, California 5 719
Diagenesis, paleosols, clay mineralogy 2 256
Diver-operated corer, sediment survey sampling 4 634
Dolocretes, calcretes, paleosols 6 988
Dolomite, Arbuckle Group, modification of dolomite 2 161
Dolomite, diagenesis, Ellenberger 4 551
Dolomite, organogenic dolomite, diagenesis 2 296
Dolomitization, fault-controlled, isotopes 4 590
Dolostone, bacterial processes, Holocene 2 188
Drowned channels, fan delta, Pleistocene fluvio-lacustrine basin 2 280
Drowned platforms, carbonate highstands, Caribbean 1 128

Early Triassic, Tanzania, laumontite, Karoo deposits 1 65
Egypt, halite, tombs, Roman 3 419
El Niño cycle, sunspot cycles, varves 7 1155
Ellenberger, dolomite, diagenesis 4 551
Enewetak Atoll, meteoric diagenesis, sea-level change 5 681
Eocene Ebro Basin, clay minerals, depositional environmental relationships 6 926

JOURNAL OF SEDIMENTARY PETROLOGY, VOL. 61, NO. 7, DEC., 1991, P. 1260–1262

Copyright © 1991, SEPM (Society for Sedimentary Geology)

0022-4472/91/0061-1260/$03.00

Erg dynamics, Milankovitch cycles, Permian erg deposits 5 768
Erosion surface, sequence boundaries, Cardium Formation 4 473
Estuarine, valley-fill tidal deposits in western Canada, Albian 5 825
Estuary sediments & dynamics, tidal sediments, tripartite facies 6 883
Evaporites, fluid inclusions, diagenesis 1 1

Factor analysis, shape indices, particle size 5 756
Fan delta, Pleistocene fluvio-lacustrine basin, drowned channels 2 280
Fault-controlled, isotopes, dolomitization 4 590
Field studies & modeling, carbonate cycles, Cambrian 4 636
Fine-grained siliciclastic rocks, polished thin section preparation 4 624
Florida, carbonate sand 5 860
Florida Keys, beach rocks, carbonate tidal bars, sand waves 5 860
Fluid inclusions, diagenesis, evaporites 1 1
Fluid inclusions, halite 1 73
Fluorescence microscopy, carbonate petrography 4 626
Fluvial facies, global cycle chart, sea-level changes 4 497
Fluvial system, Artesia Group, Shattuck 6 940
Frontier Fm., Wyoming; Cretaceous interior seaway, storm-generated sheet sands 1 86
Fundy Basin, talus breccias, debris-flow conglomerates 1 15

Genesis, silcrete, petrography, geochemistry 1 111
Geochemistry, genesis, silcrete, petrography 1 111
Geologic model, macrotidal mudflats, southwestern Korean coast 5 805
Geostrophic currents, paleocurrents, shelf 1 148
Ghyben-Herzberg lens, carbonate islands, meteoric diagenesis 1 43
Global cycle chart, sea-level changes, fluvial facies 4 497
Goethite, hematite, reflectance spectrophotometry 4 628
Gold, gravel-bed streams, placer 6 871
Grain-size parameters, sediment transport 1 143
Gravel sampling, sampling, alluvium sampling 4 534
Gravel-bed river, morphostratigraphic units, bar sedimentology 2 211
Gravel-bed streams, placer, gold 6 871
Gypsum-anhydrite replacement, BSE analysis-sample preparation, sulfate analysis 4 616
Great Valley Group, California, diagenesis 5 719
Gulf of Mexico, cyclic sedimentation, carbonates, climate forcing 7 1070

Halite, fluid inclusions 1 73
Halite, tombs, Roman, Egypt 3 419
Hematite, reflectance spectrophotometry, goethite 4 628
High resolution seismic stratigraphy, Tyrrhenian Sea, continental shelf 4 506
Holocene, dolostone, bacterial processes 2 188
Holocene carbonates, Bahamas bypass margin 6 976
Humid-tropical fans, paleohydrology 4 732
Hummocky cross-stratification, sandstone fabric, storm deposits 1 102

Idaho, leaf taphonomy, paleocurrents, Miocene lake 2 269
Impregnation, vacuum, resin 4 632
Isotopes, caliche, Permian 4 458
Isotopes, dolomitization, fault-controlled 4 590

J sandstone, Denver basin, porosity 6 909

K/T boundary, authigenesis, K-feldspar, multiple impacts 3 315
K-feldspar, multiple impacts, K/T boundary, authigenesis 3 315
Karoo deposits, Early Triassic, Tanzania, laumontite 1 65

Lacustrine, oil shale, cyclicity 7 1046
Laminar micrite crust, diagenesis, Red Sea 3 354
Late Cenozoic dolomites, Bahamas, strontium isotopes 6 1002
Laumontite, Karoo deposits, Early Triassic, Tanzania 1 65
Leaf taphonomy, paleocurrents, Miocene lake, Idaho 2 269
Lime mud, ooids, tidal channels, Bahamas sediment 5 661

Macrotidal mudflats, southwestern Korean coast, geologic model 5 805
Manganese, Cenomanian-Turonian, anoxic events 3 370
Manganese ore, Úkrút deposit, carbon & oxygen isotopes 3 384
Marine cements, botryoidal 3 349
Meteoric diagenesis, Ghyben-Herzberg lens, carbonate islands 1 43
Meteoric diagenesis, sea-level change, Enewetak Atoll 5 681
Methods, wake-capture, particle settling velocity 4 575
Middle Miocene, sedimentary cycles, siliceous rocks 7 1123
Milankovitch cycles, Permian erg deposits, erg dynamics 5 768
Milankovitch cyclicity, pelagic cycles, Piobbico core 7 1064
Mineralogy, silt fraction, continental shelf 1 54
Miocene lake, Idaho, leaf taphonomy, paleocurrents 2 269
Mississippian, paleoclimate, paleosol 4 445
Modern, Boston Harbor, sedimentary environments 5 791
Modification of dolomite, dolomite, Arbuckle Group 2 161
Morphostratigraphic units, bar sedimentology, gravel-bed river 2 211
Muddy sediments, sandstone provenance, quartz types 6 900
Multiple impacts, K/T boundary, authigenesis, K-feldspar 3 315

Nile Delta, placers, sand sorting 4 544
Non-carbonate intrabasinal grains, arenite petrography, sequence stratigraphy 6 959

Oil shale, cyclicity, lacustrine 7 1046
Ooids, tidal channels, Bahamas sediment, lime mud 5 661
Opaque minerals, sedimentary ore deposits, cathodoluminescence 4 613
Organogenic dolomite, diagenesis, dolomite 2 296
Oxygen isotopes, quartz overgrowth separation 4 527
Oxygen isotopes, Upper Proterozoic quartzite, quartz overgrowth 3 406

Paleoclimate, paleosol, Mississippian 4 445
Paleocurrent analysis, Wood Canyon Formation 6 1029
Paleocurrents, Miocene lake, Idaho, leaf taphonomy 2 269
Paleocurrents, shelf, geostrophic currents 1 148
Paleohydrology, humid-tropical fans 5 732
Paleosol, Mississippian, paleoclimate 4 445
Paleosols, carbonate, soils on carbonates, Bahamas soils 3 340
Paleosols, clay mineralogy, diagenesis 2 256
Paleosols, dolocretes, calcretes 6 988
Paleosols, Permian climate, cyclothems 2 234
Particle settling velocity, methods, wake-capture 4 575
Particle settling velocity, sediment concentration, wake-capture 4 583
Particle size, factor analysis, shape indices 5 756
Peat, petrography, coal analog 4 614
Pelagic cycles, Piobbico core, Milankovitch cyclicity 7 1164
Permian climate, cyclothems, paleosols 2 234
Permian erg deposits, erg dynamics, Milankovitch cycles 5 768
Permian, isotopes, caliche 4 458
Petrography, coal analog, peat 4 614

Petrography, geochemistry, genesis, silcrete 1 111
Piobbico core, Milankovitch cyclicity, pelagic cycles 7 1164
Placer, gold, gravel-bed streams 6 871
Placers, sand sorting, Nile Delta 4 544
Pleistocene fluvio-lacustrine basin, drowned channels, fan delta 2 280
Pleistocene sediments, porosity variations, sedimentary cycles 7 1089
Plutoniclastic sand 3 428
Polished thin section preparation, fine-grained siliciclastic rocks 4 624
Porosity, J sandstone, Denver basin 6 909
Porosity variations, sedimentary cycles, Pleistocene sediments 7 1089

Quartz overgrowth, oxygen isotopes, Upper Proterozoic quartzite 3 406
Quartz overgrowth separation, oxygen isotopes 4 527
Quartz types, muddy sediments, sandstone provenance ... 6 900
Quaternary sea levels, regressive facies, sequence stratigraphy, Tyrrhenian Sea 5 775

Red Sea, laminar micrite crust, diagenesis 3 354
Reflectance spectrophotometry, goethite, hematite 4 628
Regressive facies, sequence stratigraphy, Tyrrhenian Sea, Quaternary sea levels 5 775
Resin, impregnation, vacuum 4 632
Resolution seismic stratigraphy 5 506
Roman, Egypt, halite, tombs 3 419

Sabkha, burial diagenesis, calcium sulfate 3 394
Sampling, alluvium sampling, gravel sampling 4 534
Sand sorting, Nile Delta, placers 4 544
Sand waves, Florida Keys, beach rocks, carbonate tidal bars 5 860
Sandstone fabric, storm deposits, hummocky cross-stratification 1 102
Sandstone provenance, quartz types, muddy sediments ... 6 900
Scanning electron & optical microscopy, conductive gel .. 4 619
Sea-level change, computer modeling, carbonate cycles ... 7 1194
Sea-level change, Enewetak Atoll, meteoric diagenesis 5 681
Sea-level changes, fluvial facies, global cycle chart 4 497
Sediment concentration, wake-capture, particle settling velocity 4 583
Sediment survey sampling, diver-operated corer 4 634
Sediment transport, grain-size parameters 1 143
Sediment transport, suspended sediments, bedform migration 4 620
Sedimentary couplets, Trubi Marls 7 1109
Sedimentary cycles, Pleistocene sediments, porosity variations 7 1089
Sedimentary cycles, siliceous rocks, Middle Miocene 7 1123
Sedimentary environments, modern, Boston Harbor 5 791
Sedimentary ore deposits, cathodoluminescence, opaque minerals 4 613
Sedimentary structure, shrinkage cracks 5 850
Sequence boundaries, Cardium Formation, erosion surface 4 473
Sequence stratigraphy, non-carbonate intrabasinal grains, arenite petrography 6 959
Sequence stratigraphy, Tyrrhenian Sea, Quaternary sea levels, regressive facies 5 775
Shape indices, particle size, factor analysis 5 756
Shattuck, fluvial system, Artesia Group 6 940
Shrinkage cracks, sedimentary structure 5 850
Silcrete, petrography, geochemistry, genesis 1 111
Silicate diagenesis, clay alteration in evaporites 2 174
Siliceous rocks, Middle Miocene, sedimentary cycles 7 1123
Silt fraction, continental shelf, mineralogy 1 54
Skeletal mineralogy, biomineralization, stromatoporoids 3 364
Soils on carbonates, Bahamas soils, paleosols, carbonate 3 340
Southwestern Korean coast, geologic model, macrotidal mudflats 5 805
Stable isotopes, stromatolites, travertine 6 1015
Stacking patterns, carbonate cycles, Cambrian 7 1225
Storm deposits, hummocky cross-stratification, sandstone fabric 1 102
Storm deposits, stratification sequences, combined flow .. 2 202
Storm-generated sheet sands, Frontier Fm., Wyoming; Cretaceous interior seaway 1 86
Stratification sequences, combined flow, storm deposits .. 2 202
Stromatolites, travertine, stable isotopes 6 1015
Stromatoporoids, skeletal mineralogy, biomineralization 3 364
Strontium isotopes, late Cenozoic dolomites, Bahamas ... 6 1002
Sulfate analysis, gypsum-anhydrite replacement, BSE analysis-sample preparation 4 616
Sunspot cycles, varves, El Niño cycle 7 1155
Suspended sediments, bedform migration, sediment transport 4 620

Talus breccias, debris-flow conglomerates, Fundy Basin .. 1 15
Tanzania, laumontite, Karoo deposits, Early Triassic 1 65
Tectonics, asphalt, carbonate diagenesis 1 28
Tidal channels, Bahamas sediment, lime mud, ooids 5 661
Tidal sediments, tripartite facies, estuary sediments & dynamics 6 883
Tombs, Roman, Egypt, halite 4 419
Tavertine, stable isotopes, stromatolites 6 1015
Triassic Milankovitch cycles, carbonate platform cycles .. 7 1173
Tripartite facies, estuary sediments & dynamics, tidal sediments 6 883
Trubi Marls, sedimentary couplets 7 1109
Tyrrhenian Sea, continental shelf, high resolution seismic stratigraphy 4 506
Tyrrhenian Sea, Quaternary sea levels, regressive facies, sequence stratigraphy 5 775

Úkrút deposit, carbon & oxygen isotopes, manganese ore 3 384
Upper Proterozoic quartzite, quartz overgrowth, oxygen isotopes 3 406

Vacuum, resin, impregnation 4 632
Valley-fill tidal deposits in western Canada, Albian, estuarine 5 825
Varves, El Niño cycle, sunspot cycles 7 1155

Wake-capture, particle settling velocity, sediment concentration 4 583
Wake-capture, particle settling velocity, methods 4 575
Wood Canyon Formation, paleocurrent analysis 6 1029